

AMENDMENTS TO THE TITLE

Replace the title with:

~~UTILIZATION OF VINPOCETINE TO AVOID COMPLICATIONS IN PARTICULAR
THOSE ASSOCIATED TO HEARING WHICH OCCUR TREAT OR PREVENT
HEARING LOSS ASSOCIATED WITH EPILEPSY, AND TREATMENT THEREOF~~

AMENDMENTS TO THE SPECIFICATION

Replace paragraph [0033] with:

[0033] The next table shows that vinpocetine inhibits the reduction in P4 wave peak amplitude induced by PTZ . In the control animals (pre-injected with vehicle) the amplitude of the P4 wave of the ABR induced by a stimulus of 100 dB at two tone frequencies (8 and 4 kHz) is progressively reduced by PTZ (left columns), whereas in the animals pre-injected with vinpocetine the reduction produced induced by PTZ in P4 amplitude is not observed (right columns). The values shown on the table are the mean ± standard errors of the P4 wave amplitudes in µV obtained from 8 animals before and at the indicated times after the injection of the convulsing agent (PTZ).

	8 kHz	8 kHz
	PTZ	Vinpocetine & PTZ
<i>Before</i>	2.88 ± 0.1	2.69 ± 0.1
<i>10 min</i>	$2.07 \pm 0.4 *$	2.56 ± 0.1
<i>20 min</i>	$1.99 \pm 0.3 *$	2.71 ± 0.2
<i>30 min</i>	$1.92 \pm 0.3 *$	2.55 ± 0.2
<i>50 min</i>	$1.51 \pm 0.5 *$	2.56 ± 0.1

	4 kHz	4 kHz
	PTZ	Vinpocetine & PTZ
<i>Before</i>	3.14 ± 0.1	2.82 ± 0.3
<i>10 min</i>	$1.70 \pm 0.5 *$	2.55 ± 0.3
<i>20 min</i>	$2.12 \pm 0.4 *$	2.52 ± 0.2
<i>30 min</i>	$1.84 \pm 0.4 *$	2.55 ± 0.2
<i>50 min</i>	$2.11 \pm 0.3 *$	2.52 ± 0.2

The symbol “*” indicates that a statistically significant difference was observed.

Replace paragraph [0035] with:

[0035] The next table shows that vinpocetine inhibits the hearing loss induced by the convulsing agent, PTZ. The marked increase on the auditory threshold at 4 and 8 kHz tone

frequencies induced by PTZ (left columns) is not produced in the animals pre-injected with vinpocetine before PTZ administration (right columns). The values shown on the table are the mean \pm standard errors of the thresholds in dB obtained in 8 animals.

	PTZ	Vinpocetine & PTZ
8 kHz		
<i>Before</i>	7.0 ± 1.2	6.0 ± 1.0
<i>30 min</i>	$17 \pm 2.0 *$	6.0 ± 1.0
<i>50 min</i>	$21 \pm 2.4 *$	6.0 ± 1.0
4 kHz		
<i>Before</i>	21 ± 1.0	20 ± 1.6
<i>30 min</i>	$28 \pm 2.0 *$	18 ± 1.2
<i>50 min</i>	$29 \pm 1.0 *$	18 ± 1.2

The symbol “*” indicates that a statistically significant difference was observed.

Replace paragraph [0041] with:

[0041] The following table shows that the increased latency of the P4 wave of the ABR induced by the stimulus of 100 dB at 4 and 8 kHz tone frequencies observed at the indicated times after the injection of 4-AP in control animals (left columns), is lost when 4-AP is injected in the vinpocetine pre-treated animals (right columns).

	8 kHz	8 kHz
	4-AP	Vinpocetine & 4-AP
<i>Before</i>	3.48 ± 0.06	3.48 ± 0.04
<i>30 min</i>	3.51 ± 0.13	3.55 ± 0.07
<i>60 min</i>	$3.80 \pm 0.10 *$	3.45 ± 0.08
<i>80 min</i>	$3.80 \pm 0.10 *$	3.36 ± 0.05
<i>100 min</i>	$3.83 \pm 0.12 *$	3.35 ± 0.07

	4 kHz	4 kHz
	4-AP	Vinpocetine & 4-AP
<i>Before</i>	3.50 ± 0.02	3.45 ± 0.06
<i>30 min</i>	$3.78 \pm 0.09 *$	3.37 ± 0.06
<i>60 min</i>	$3.78 \pm 0.09 *$	3.54 ± 0.11
<i>80 min</i>	$3.78 \pm 0.09 *$	3.56 ± 0.04
<i>100 min</i>	$3.75 \pm 0.10 *$	3.43 ± 0.09

The symbol “*” indicates that a statistically significant difference was observed.

Replace paragraph [0041] with:

[0042] Vinpocetine inhibits the hearing loss induced by 4-AP. The following table shows that the increase on the auditory threshold induced by 4-AP at 8 and 4 kHz tone frequencies in control animals (left columns) is lost in the vinpocetine treated animals (right columns).

	4-AP	Vinpocetine & 4-AP
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8 kHz		
Before	3.8 ± 1.3	2.5 ± 1.4
30 min	$10.0 \pm 2.0 *$	-1.3 ± 2.4
60 min	$23.8 \pm 6.3 *$	0.0 ± 3.5
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4 kHz		
Before	13.8 ± 1.3	13.8 ± 1.3
30 min	$20 \pm 2.0 *$	11.3 ± 1.3
60 min	$30 \pm 3.5 *$	11.3 ± 1.3

The symbol “*” indicates that a statistically significant difference was observed.